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INCH-POUND
MIL-PRF-49462A
AMENDMENT 3
3 October 1994
SUPERSEDING
AMENDMENT 2
14 March 1994

PERFORMANCE SPECIFICATION

RESISTORS, FIXED, FILM, HIGH VOLTAGE GENERAL SPECIFICATION FOR

This amendment forms a part of MIL-R-49462A, dated 15 March 1991, and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 3

- TABLE I, maximum resistance row, delete and substitute:

Maximum resistance temperature characteristic (RTC) percent/°C part/million/°C	For R < 500 MΩ RTC ≤ 200 ppm	For R < 500 MΩ RTC ≤ 200 ppm	For R < 500 MΩ RTC ≤ 200 ppm	For R < 500 MΩ RTC ≤ 200 ppm
	For R ≥ 500 MΩ RTC ≤ 500 ppm	For R ≥ 500 MΩ RTC ≤ 500 ppm	For R ≥ 500 MΩ RTC ≤ 500 ppm	For R ≥ 500 MΩ RTC ≤ 500 ppm

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- 3.16, delete and substitute:

"3.16 Moisture resistance. When resistors are tested as specified in 4.16, there shall be no evidence of mechanical damage. The change in resistance between initial measurement and final measurements shall not exceed ±0.5 percent. In addition, the dielectric withstanding voltage shall be as specified in 3.14, and insulation resistance shall be 100 megohms, minimum."

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- 4.5.1.1, delete and substitute:

"4.5.1.1 Inspection and production lot.

"4.5.1.1.1 Inspection lot. An inspection lot, as far as practicable, shall consist of all resistors of the same style, characteristic, and protective enclosure or coating produced in a period not to exceed 30 days, produced under essentially the same conditions and offered for inspection at one time.

"4.5.1.1.2 Production lot. A production lot shall consist of all resistors of the same characteristic, style, nominal resistance value, and resistance tolerance. Manufacture of all parts in the lot shall have been started, processed, assembled, and tested as a group. Lot identity shall be maintained throughout the manufacturing process."

- 4.5.1.2.1.1, line 1, between "on" and "100" add "a production lot basis on".

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TABLE VIII, inspection column, semiannual: Delete solderability in its entirety.

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- * 4.17f, second line, delete "30" and substitute "15".

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CONCLUDING MATERIAL

Custodians:

Army - ER
Navy - EC
Air Force - 85
NASA - NA

Review activities:

Army - AR, AT, AV, ME, MI
Navy - AS, CG, MC, OS
Air Force - 17, 19
DLA - ES

Preparing activity:
Army - ER

Agent:
DLA - ES

(Project 5905-1394)